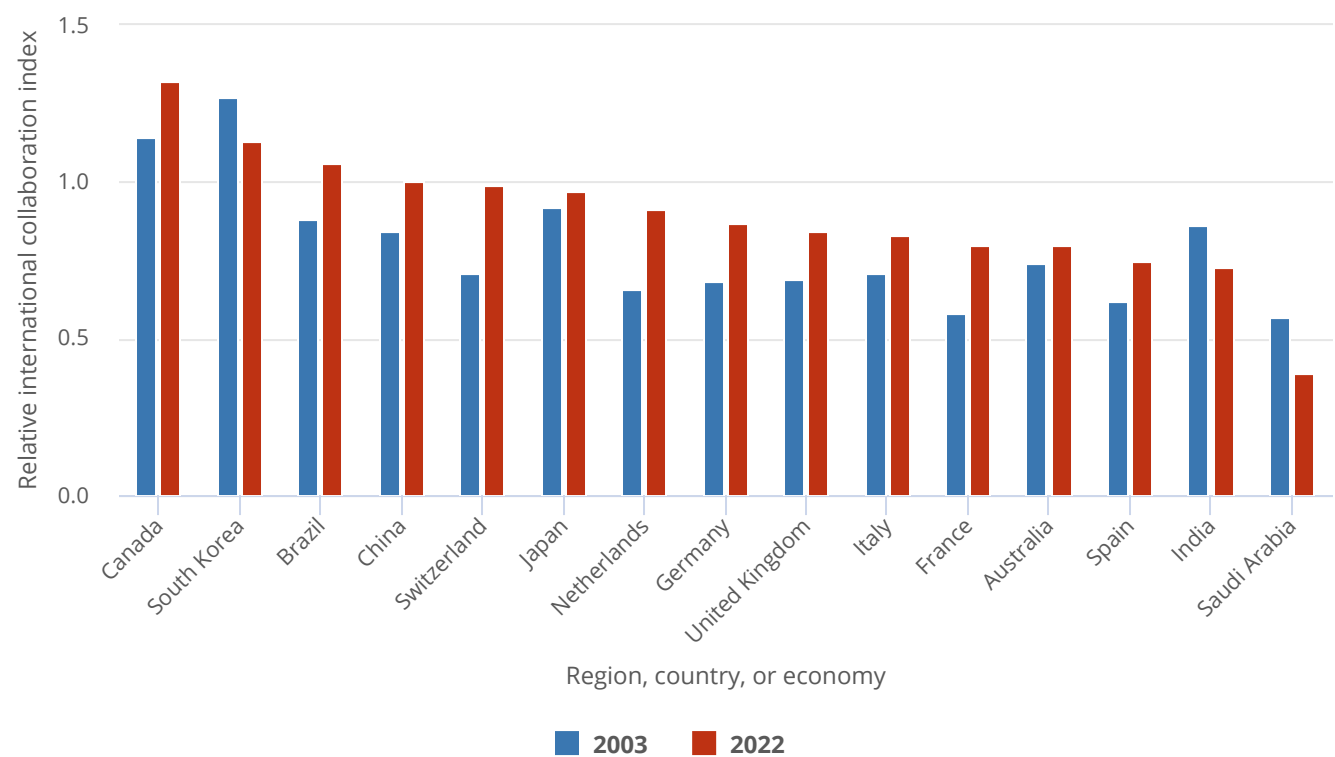


Figure PBS-15
Relative international collaboration index of selected large-producing regions, countries, or economies with the United States: 2003 and 2022



Note(s):
Article counts for computing the index refer to publications from a selection of conference proceedings and peer-reviewed journals in S&E fields from Scopus. Articles are classified by their year of publication and are assigned to a region, country, or economy on the basis of the institutional address(es) of the author(s) listed in the article. Articles are credited on a whole count basis (i.e., each collaborating region, country, or economy is credited with one count). Regions, countries, or economies that have contributed to less than 1% of all internationally coauthored articles in 2022 are omitted. The index of collaboration is calculated as follows: $IC_{xy} = (C_{xy} / C_x) / (C_y / C_w)$, where IC_{xy} is the index of collaboration between country x and country y , C_{xy} is the number of publications coauthored between country x and country y , C_x is the total number of international coauthorships by country x , C_y is the total number of international coauthorships by country y , and C_w is the total number of international coauthorships in the database. For additional regions, countries, or economies, see Table SPBS-38.

Source(s):
National Center for Science and Engineering Statistics; Science-Metrix; Elsevier, Scopus abstract and citation database, accessed April 2023.

Science and Engineering Indicators